

Republic of the Philippines
DEPARTMENT OF HEALTH
SOUTHERN PHILIPPINES MEDICAL CENTER
Davao City

PROJECT : DESIGN & BUILD OF PROPOSED STORAGE BUILDING
LOCATION: SPMC COMPOUND J.P. LAUREL AVE., DAVAO CITY

DURATION: 120 CALENDAR DAYS

DETAILED ESTIMATES

ITEM NO. (1)	DESCRIPTION (2)	UNIT (3)	QTY (4)	UNIT PRICE		TOTAL UNIT PRICE (7)	AMOUNT (PESOS) (8)
				MATERIALS (5)	LABOR (6)		
I	GENERAL REQUIREMENTS						
	Mobilization	lot	1.00			-	-
	Demobilization	lot	1.00			-	-
	Health & Safety Program	lot	1.00			-	-
	Technical Documentation	lot	1.00			-	-
	Temporary Barracks	lot	1.00			-	-
	Demolition of Existing Structures/Obstructions	sqm	630.00			-	-
	TOTAL GENERAL REQUIREMENTS					-	-
II	STRUCTURAL WORKS						
	Extension of existing reinforced concrete column						
	Portland Cement	bags	50.00			-	-
	Washed Coarse Sand	cu.m	16.00			-	-
	Washed Gravel	cu.m	20.00			-	-
	Slab on Fill						
	Portland Cement	bags	986.00			-	-
	Washed Coarse Sand	cu.m	52.03			-	-
	Washed Gravel	cu.m	103.95			-	-
	Backfilling and Compaction	cu.m	356.00			-	-
	Suspended Slab						
	Portland Cement	bags	583.00			-	-
	Washed Coarse Sand	cu.m	29.26			-	-
	Washed Gravel	cu.m	58.41			-	-
	Formworks						
	Coco Lumber and Plywood	lot	1.00			-	-
	Shoring Jacks	lot	1.00			-	-
	Metal Reinforcement						
	Extension of existing reinforced concrete column						
	16 mm Ø Deformed bar	Length	780.00			-	-
	10 mm Ø Deformed bar	Length	400.00			-	-
	Tie Wire	roll	6.00			-	-
	Slab on Fill						
	10 mm Ø Deformed bar	Length	1,084.00			-	-
	Tie Wire	roll	6.00			-	-
	Suspended Slab						
	10 mm Ø Deformed bar	Length	1,134.00			-	-
	Tie Wire	roll	9.00			-	-
	Septic Tank (4 chambers)						
	CHB 6"	pcs	1,225.00			-	-
	Cement	bags	288.00			-	-
	Washed Coarse Sand	cu.m.	24.00			-	-
	Washed Fine Sand	cum.	18.00			-	-
	10 mm Ø Deformed bar	Length	42.00			-	-
	Tie Wire	roll	2.00			-	-
	Formworks	lot	2.00			-	-
	TOTAL STRUCTURAL WORKS					-	-
III	ARCHITECTURAL FINISHES						
	Masonry Works						
	CHB 6"	pcs	5,325.00			-	-
	Cement	bags	15.98			-	-
	Washed Coarse Sand	cu.m.	449.32			-	-
	Washed Fine Sand	cu.m.	449.32			-	-
	10 mm Ø Deformed bar G40	Length	3,727.50			-	-
	600 mm x 600 mm Granite Tiles (Flooring)	pcs	1,750.00			-	-
	300 mm x 300 mm Ceramic Tiles (Flooring & Wall)	pcs	350.00			-	-
	Tile Adhesive	bags	35.00			-	-
	Tile Grout	kgs.	30.00			-	-
	600mm x 600mm Acoustic Board on T-runner with C-Channel Hanger	sq.m.	1,230.00			-	-
	3.5mm thk Hardiflex on Std. Metal Furring	sq.m.	282.53			-	-
	Paint Primer	gals.	15.00			-	-
	Rubberized Waterproof Paint	gals.	30.00			-	-
	Hollow Core Door (900mm x 2100mm) with door knob, hinges, locks, jamb, and door closer	sets	6.00			-	-
	Double Swing Heavy Duty Door with complete accessories	sets	3.00			-	-
	Roll-up Door with complete accessories	set	2.00			-	-
	0.60 m x 0.60 m Awning type window with 1/4" thick smoke glass with aluminum frame with lockset and handle with complete accessories (w/ grills)	sets	52.00			-	-

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DETAILED ESTIMATES

ITEM NO. (1)	DESCRIPTION (2)	UNIT (3)	QTY (4)	UNIT PRICE		TOTAL UNIT PRICE (7)	AMOUNT (PESOS) (8)
				MATERIALS (5)	LABOR (6)		
	Jalouplast Window: 650mm x 1200mm x 1 panel x 1/4" thk analog glass blades including mullions, steel grilles & screen	sets	69.00			-	-
	Painting Finish	sq.m.	1,417.05			-	-
TOTAL ARCHITECTURAL WORKS						-	-
IV	STEEL WORKS						
	4 x 6 x 6m I-Beam	Length	98.00			-	-
	Hight Tension Bolts	pcs	500.00			-	-
	Welding Rod	kgs.	200.00			-	-
	Steel Racks (for storage)	pcs	50.00			-	-
	50mm x 50 mm x 4 mm Angle Bar (Stair Framing)	kgs.	174.88			-	-
	37.5 mm x 37.5 mm x 4 mm Angle Bar (Stair Framing)	kgs.	229.60			-	-
	Ø50 mm x 6 m G.I. Pipe Sched 40 (Stair & Mezzanine Railings)	kgs.	520.88			-	-
	Ø37.5 mm x 6 m G.I. Pipe Sched 40 (Stair & Mezzanine Railings)	kgs.	158.65			-	-
	1.20 m x 2.40 m x 6 mm MS Checkered Plate (Stair Steps)	kgs.	595.20			-	-
	Red Oxide Primer	gals.	10.00			-	-
TOTAL STEEL WORKS						-	-
V.	ROOFING WORKS						
	Roofing Works (ER-BUFFER)						
	1 1/2 x 1 1/2 x 5mm thk. Angle Bar	Length	420.00			-	-
	1.2 x 2 x 6m Cee-Purlins	Length	120.00			-	-
	10 mm Ø Sagrod	Length	70.00			-	-
	10 mm Ø Plain RB	Length	40.00			-	-
	10 mm Ø Turn Buckle	pcs	24.00			-	-
	Downspout 3" PVC pipe	pcs	20.00			-	-
	Catch Basin	pcs	7.00			-	-
	Pre-Painted Metal Sheets						
	0.4 x 762mm x 2.44m End Flashing (Prepainted)	pcs	25.00			-	-
	0.4 x 1220mm x 2.44m Box Gutter (Prepainted)	pcs	30.00			-	-
	GA #24 Long Span Pre-painted Rib Type Roofing with complete accessories	sq.m.	750.00			-	-
	12 x 75mm Teckscrew (Steel)	pcs	3,000.00			-	-
	Vulcaseal	gals.	10.00			-	-
	5/32 Drill Bit (Steel)	pcs	240.00			-	-
	5/32 Blind Rivets	box	100.00			-	-
TOTAL ROOFING WORKS						-	-
VI.	PLUMBING WORKS						
	COLD WATER LINE						
	PP-R Pipe; PN20; 1/2"Ø (Green)	length	14.00			-	-
	PP-R Tee; 1/2"Ø	pcs	8.00			-	-
	PP-R Elbow 90°; 1/2"Ø	pcs	10.00			-	-
	PP-R Plain Coupling; 1/2"Ø	pcs	20.00			-	-
	PP-R Male Adaptor Coupling; 20mm x 1/2"	pcs	6.00			-	-
	SEWER LINE						
	PVC Pipe; Series 1000; 4" Ø	pcs	10.03			-	-
	PVC Pipe; Series 1000; 2" Ø	pcs	2.00			-	-
	PVC Pipe; Series 1000; 1½" Ø	pcs	4.00			-	-
	PVC Elbow 90°; Series 1000; 1½" Ø	pcs	2.00			-	-
	PVC Elbow 90°; Series 1000; 4" Ø	pcs	2.00			-	-
	PVC Elbow 45°; Series 1000; 1½" Ø	pcs	2.00			-	-
	PVC Elbow 45°; Series 1000; 2" Ø	pcs	2.00			-	-
	PVC Elbow 45°; Series 1000; 4" Ø	pcs	8.00			-	-
	PVC Tee; Series 1000; 1½" Ø	pcs	2.00			-	-
	PVC Wye ; Series 1000; 4" Ø	pcs	4.00			-	-
	PVC Wye Reducer; Series 1000; 4" x 1½" Ø	pcs	2.00			-	-
	PVC Wye Reducer; Series 1000; 4" x 2" Ø	pcs	2.00			-	-
	PVC P-Trap; 2"Ø	pcs	2.00			-	-
	PVC Clean-Out; 4"Ø	pcs	3.00			-	-
	VENT LINE						
	PVC Pipe; Series 1000; 2" Ø	length	7.00			-	-
	PVC Pipe; Series 1000; 1½" Ø	length	2.00			-	-
	PVC TEE Reducer; 2" x 1½"Ø	pcs	2.00			-	-
	PVC Elbow 90°; Series 1000; 2" Ø	pcs	6.00			-	-
	PVC Tee; Series 1000; 2" Ø	pcs	2.00			-	-
	Plumbing Fixtures						
	Water Closet; Flush tank type	unit	2.00			-	-

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	Floor Drain; Circular	pcs	2.00			-	-
	Floor Clean-Out Cover	pcs	2.00			-	-
	Pedestal Type Lavatory; (complete w/ mounting accessories)	unit	2.00			-	-
	Flexible Hose; 1/2" Ø	pcs	2.00			-	-
	Angle Valve; 1/2" x 1/2"	pcs	2.00			-	-
	Miscellaneous (Solvent, Vulca-Seal, etc.)	lot	1.00			-	-
TOTAL PLUMBING WORKS						-	-
VII.	ELECTRICAL WORKS						
	Panel Board & Breakers						
	(MDP)						
	Panel Board Main; 600A/3P, Bolt on, Center Main; 4 Branches/3P, MCCB	set	1.00			-	-
	Circuit Breaker; 600A/630AF, 3P, 50 kaic, Bolt on, (Compatible to supplied Panelboard)	pc	1.00			-	-
	Circuit Breaker; 250AT/250AF,3P, Bolt on, (Compatible to supplied Panelboard)	pcs	1.00			-	-
	Circuit Breaker; 100AT/100AF,3P, Bolt on, (Compatible to supplied Panelboard)	pcs	1.00			-	-
	NEMA 3R Enclosure with Circuit Breaker 30A/3P, Bolt on	set	3.00			-	-
	NEMA 3R Enclosure with Circuit Breaker 40A/3P, Bolt on	set	6.00			-	-
	(LDP)						
	Panel Board NEMA 3 Wall Mounted Enclosure, Complete Set with Busbar Assembly, Ground Bus, Powder Coated, 18-3P Branches		1.00			-	-
	Main: 100AT/100AF, 3P, 30KAIC, 240VAC, 60Hz, MCCB	pcs	1.00			-	-
	BRANCHES: 15AT/100AF, 2P, 5KAIC, 240VAC, 60Hz	pcs	14.00			-	-
	BRANCHES SPARE: 20AT/100AF, 2P, 5KAIC, 240VAC, 60Hz	pcs	4.00			-	-
	(ACCUDB)						
	Panel Board NEMA 3 Wall Mounted Enclosure, Complete Set with Busbar Assembly, Ground Bus, Powder Coated, 12-3P Branches	set	1.00			-	-
	Main: 250AT/250AF, 3P, 36KAIC, 240VAC, 60Hz, MCCB	pc	1.00			-	-
	BRANCHES: 30AT/100AF, 2P, 240VAC, 60Hz	pcs	2.00			-	-
	BRANCHES: 40AT/100AF, 2P, 240VAC, 60Hz	pcs	8.00			-	-
	BRANCHES: 60AT/100AF, 2P, 240VAC, 60Hz	pcs	2.00			-	-
	Lighting System						
	Mirrorized Recessed Type LED (2X9watts) 600mm x 600mm	sets	165.00			-	-
	Pinlight 6" housing with LED Bulb 9watts	sets	2.00			-	-
	Wires & Cables						
	THHN Electrical Copper Wire 2.0mm² (x150m)	boxes	3.00			-	-
	THHN Electrical Copper Wire 3.5mm² (x150m)	boxes	21.00			-	-
	THHN Electrical Copper Wire 8.0mm² (x150m)	boxes	5.00			-	-
	THW Electrical Copper Wire 250mm² (x300m)	mtr(s)	120.00			-	-
	Wiring Devices (Branded & Heavy Duty Type)						
	Convenience Outlet, 2 Gang; 3 Prong, Universal	sets	39.00			-	-
	1 Way Switch, 1 Gang, 16 Ampere	sets	5.00			-	-
	1 Way Switch, 2 Gang, 16 Ampere	sets	1.00			-	-
	1 Way Switch, 3 Gang, 16 Ampere	sets	11.00			-	-
	Ventilation Equipment & Cooling System (Branded & Heavy Duty Type)						
	Air Conditioning Unit 2 HP; Inverter Split Type Wall Mounted	units	3.00			-	-
	5 Ton Floor Standing Air Condition Unit	units	6.00			-	-
	Orbit Fan 16" steel blade Ceiling Mounted	units	17.00			-	-
	Generator						
	Generator 300kva with ATS complete set	sets	1.00			-	-
	Roughing-ins						
	Metal Junction Box 4" x 4" (deep type)	pcs	147.00			-	-
	Metal Utility Box 2" x 4" (deep type)	pcs	56.00			-	-
	uPVC Electrical conduit pipe 20mmø PNS certified	lengths	265.00			-	-
	uPVC Electrical conduit pipe 25mmø PNS certified	lengths	22.00			-	-
	uPVC Electrical conduit pipe 32mmø PNS certified	lengths	72.00			-	-
	uPVC Electrical conduit pipe 63mmø PNS certified	lengths	15.00			-	-
	PVC Elbow 20mmø PNS certified	pcs	75.00			-	-
	PVC Elbow 25mmø PNS certified	pcs	15.00			-	-
	PVC Elbow 32mmø PNS certified	pcs	10.00			-	-
	PVC Adaptor w/ Locknut 20mmø	pcs	633.00			-	-
	PVC Adaptor w/ Locknut 25mmø	pcs	75.00			-	-
	PVC Adaptor w/ Locknut 63mmø	pcs	32.00			-	-
	U-Clamp Metal 20mmø	pcs	560.00			-	-

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	U-Clamp Metal 25mmø	pcs	45.00			-	-
	U-Clamp Metal 63mmø	pcs	30.00			-	-
	Flexible Metal Tubing (FMT) 20mmø	rolls	3.00			-	-
	3M Electrical Tape Big	rolls	115.00			-	-
	PVC Solvent Cement	cans	30.00			-	-
	COLD STORAGE						
	Supply and Installation of Modular Walk-In Chiller	set	1.00			-	-
	OTHER MATERIALS						
	Complete assembly of lifter or freight elevator (capacity: 2 tons, 1-stop)	set	1.00			-	-
	TOTAL ELECTRICAL WORKS					-	-
	OVERALL TOTAL					-	-
	TOTAL DIRECT COST						-
	OVERHEAD			8.00%			-
	CONTIGENCIES			3.00%			-
	MISCELLANEOUS			1.00%			-
	PROFIT			8.00%			-
	TAXES			5.00%			-
	TOTA INDIRECT COST						-
	TOTAL PROJECT COST						-

Amount in words:

PREPARED BY:

Contractor